

Product datasheet for **SC304000**

SLC16A8 (NM_013356) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC16A8 (NM_013356) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC16A8
Synonyms:	MCT3; REMP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_013356 edited

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ATGGGCGCTGGCGGCCCCGGCGGGCGAGGGCCCCCAGACGGCGGCTGGGGCTGGGTG
GTGCTGGGCGCCTGCTTTGTGGTCACCGGCTTCGCCTACGGCTTCCCAAAGCCGTGAGC
GTCTTCTTCCGCGCGCTCATGCGCGACTTCGACGCCGGCTACAGCGACACGGCCTGGGTG
TCCTCCATCATGTAGCCATGCTCTACGGCACGGGCCCGTGTCAGCATCCTCGTGACC
CGCTTTGGCTGTGCGCCGGTGATGCTGGCGGGTGGGCTGTGGCTTCCGCGGGCATGATC
CTAGCTTCCTTTGCCACGCGCCTCCTGGAGCTCTACCTGACCGCTGGGGTGCTCACAGGC
CTGGGCTGGCCCTCACTTCCAGCCGTCGCTCATCATGTGGGGCTGTACTTCGAGCGG
CGGCGGCCTCTGGCCAACGGGCTGGCGGCGGCGGCGAGCCCCGTGTTCTGTCCGCGCTG
TCGCCGCTCGGCCAGCAGCTGCTGGAGCGCTTCGGCTGGCGCGGCGGCTTCTGTGCTC
GGCGGGCTCCTGTGCTGCTGCTGCGCCTGCGGGGCTGTATGAGGCCGCCGCCGGGCCG
GGCCCGCGACCGCGCAGGACAGCGCGCGGCGACCGCGCGGGGACGCTCCGGGCGAGGCG
GAGGCTGACGGTGCGGGGCTGCACTGCGCGAGGCATCCCCAGGTCGGGCCGCCCGG
CGCCTGTGGACTTGGCAGTGTGACCGACCGCGCCTTCGCCGTGTACGCCGTACCAAG
TTCCTGATGGCGCTCGGGCTCTTCGTCCCCGCCATCCTGTGTTGAAGTACGCCAAGGAC
GCGGGCGTGCCCGACACCGACCGCCCTTCCTGTGTCCATCGTGGGCTTCGTGGACATC
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TATCTGTTACGCTGGCCCTGCTGGCCAATGGGCTCACAGACCTGAGCAGCGCACGCGCG
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GCCCTGGCTGGGGTCTTCATGGCTGTGCCACCAACTGCTGCCTGCGTTGTGCTAAAGCT
GCCCGCTCAGGCCAGGCACTGAGGGCGGAGCCAGTGACACTGAGGACGCTGAGGCTGAA
GGGGACTCTGAGCCCCTGCCTGTTGTTGAGAGGAACCCGGCAACCTGGAGGCCCTGGAG
GTGCTCAGCGCCCGGGGCGAGCCACAGAACAGAAATAGAGGCGAGGCCGAGGCTGGCT
GCCGAGTCTGTATAA

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Restriction Sites:	Please inquire
ACCN:	NM_013356
Insert Size:	1500 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_013356.1</u> , <u>NP_037488.1</u>
RefSeq Size:	1892 bp
RefSeq ORF:	1515 bp
Locus ID:	23539
UniProt ID:	<u>O95907</u>
Cytogenetics:	22q13.1
Protein Families:	Transmembrane
Gene Summary:	SLC16A8 is a member of a family of proton-coupled monocarboxylate transporters that mediate lactate transport across cell membranes (Yoon et al., 1999 [PubMed 10493836]). [supplied by OMIM, Apr 2010]